



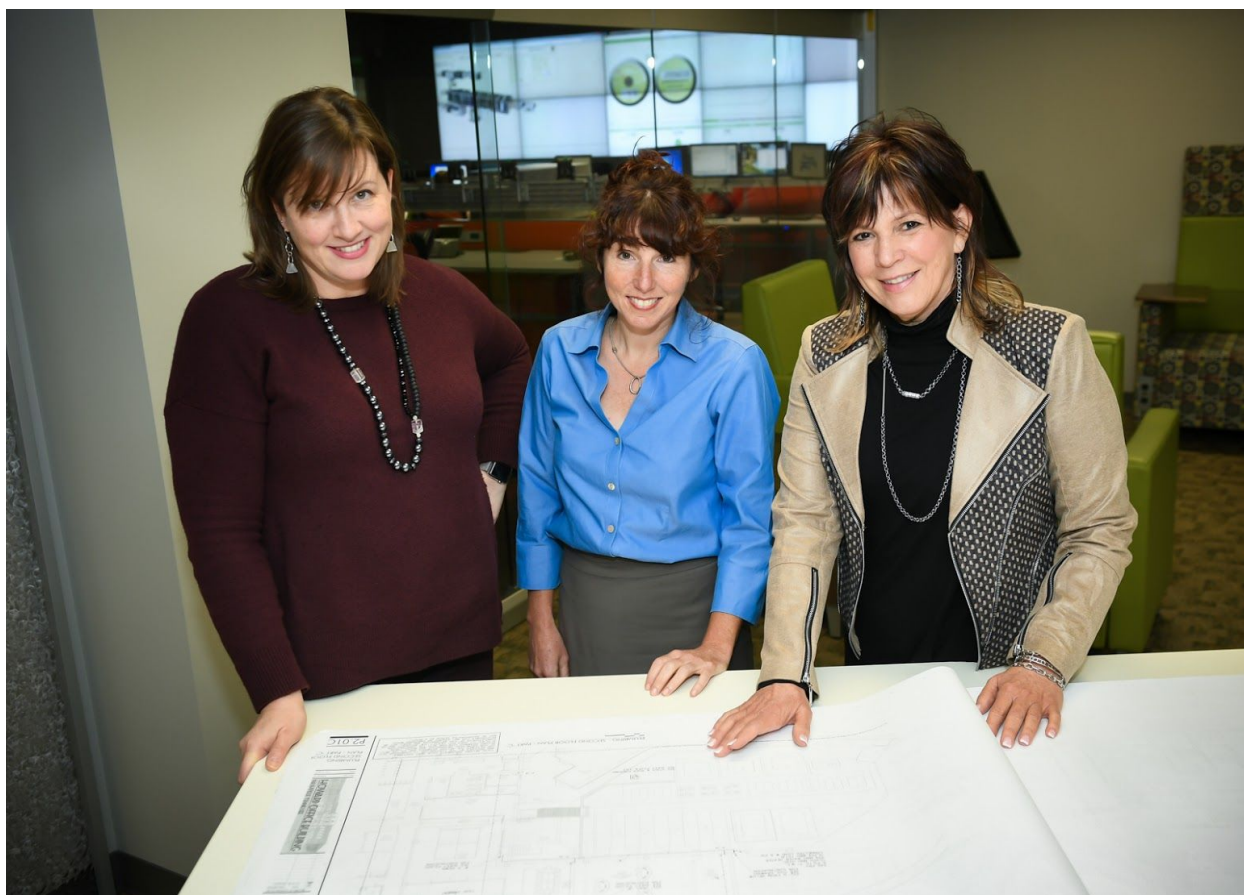
the **SOCKET** Bulletin

Welcome to the debut of the [Socket, Unplug Nashville](#) Newsletter. The Department of General Services (DGS) is excited to bring you quarterly updates on all of DGS' sustainability "happenings." In this issue, you'll meet the team, learn more about DGS' LEED portfolio, the Center of Responsible Energy (CORE) and other energy efficiency efforts DGS is pursuing to make Nashville a sustainability beacon in the South.



Southeast Library & Community Center

DGS Launches New Sustainability Division



From left to right: Alexandra Ewing, PhD, Laurel Creech, and Nancy Whittemore

DGS established a new Division of Sustainability this spring and is under the leadership of Laurel Creech, the new Assistant Director of Sustainability. Creech brings to this role vast experience in directing sustainability campaigns and programs as Chief Service Officer and Director of Office of Environment and Sustainability under former Mayor Karl Dean, and as the founder of Lightning 100's Team Green Adventures.

"I am thrilled to take on this new role and build upon General Services' ongoing sustainability efforts," says Creech. "The new Division will strive to further integrate

sustainable practices into Metro facilities, with the goal to reduce carbon, waste, energy, water and greenhouse gases.”

Sustainability has long been woven into DGS’ building operations and maintenance best practices. Director Nancy Whittemore further wanted to ensure sustainability was permanently embedded; and therefore, the new division of sustainability was created.

“Our sustainable practices and efficient use of resources not only help save the Department (and taxpayers) money, but also offer benefits to the environment. It’s a win win,” shares Whittemore. “With the impact of the Center of Responsible Energy, it only made sense to have a division solely focused on sustainability.”

The Sustainability Division is seated inside the CORE at the LEED-certified Silver Howard Office Building and is also home to *Socket, Unplug Nashville*. Socket is DGS’ outreach program focused on educating Metro employees and Nashville citizens on how to live and work in more sustainable ways. You can follow Socket on [Facebook](#), [Twitter](#), [YouTube](#) and [Instagram](#). Socket also recently launched a new website. Visit socket.nashville.gov and learn how you can be a part of Nashville’s sustainable solution.



Meet the Leadership Team for both the Divisions of Building Operations & Support Services and Sustainability



The Leadership Team

General Services is excited to introduce you to the experienced staff within the BOSS and Sustainability divisions.

Division of Building Operations & Support Services (BOSS) Team

Alexandra Ewing, PhD

Assistant Director, BOSS

Elizabeth Swinson

Manager, Design & Relocation Services

Doug Kinsey

Manager, Construction Services

Todd Best

Manager, Security System

Randall Jones

Manager, Maintenance & Operations

Jerry Hall

Manager, ADA & Safety Services

Division of Sustainability Team

Laurel Creech

Assistant Director, Sustainability

Freddie Adom

Manager, Energy Services

DGS Increases LEED Facilities Portfolio



Madison Crime Lab & Police Precinct

In accordance with Metro's [LEED Ordinance](#), DGS is proud to have **21 LEED** certified buildings in its portfolio. This ordinance states that Metro buildings of 5,000 square feet or larger must be built or renovated to LEED Silver or greater levels of certification.

LEED is Leadership in Energy & Environmental Design and certification is granted by the U.S. Green Building Council. A LEED facility must meet strict standards in the categories of sustainable sites, water efficiency, indoor air quality, energy & atmosphere, materials & resources, and innovation & design process. Future DGS facilities that are currently undergoing LEED facilitation include:

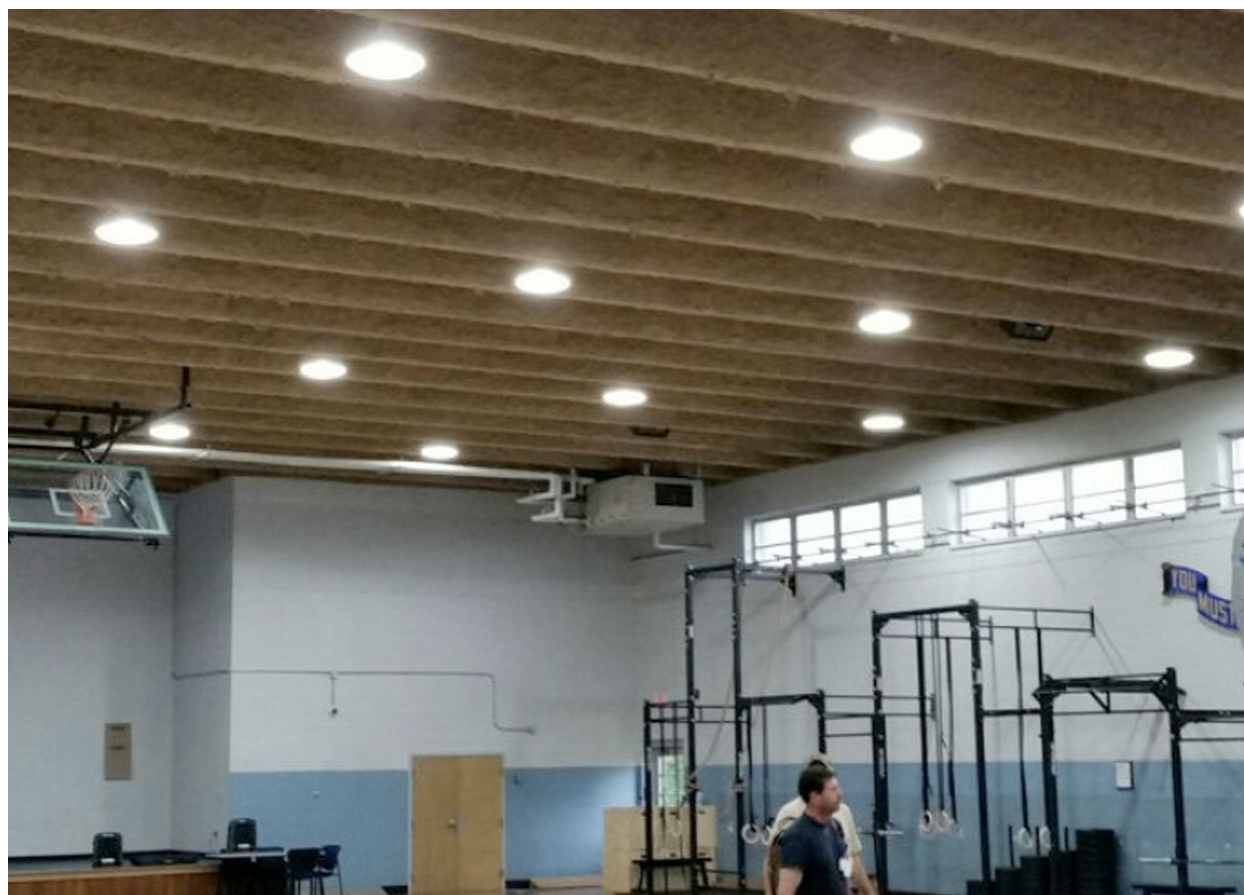
- Criminal Justice Center
- Family Justice Center
- Police Headquarters

Receive updates about DGS' new LEED facilities by visiting www.socket.nashville.gov.



Clockwise: Bellevue Library, Midtown Police Precinct, and Fire Station 33

Energy Efficient Lighting Upgrades Take the Spotlight



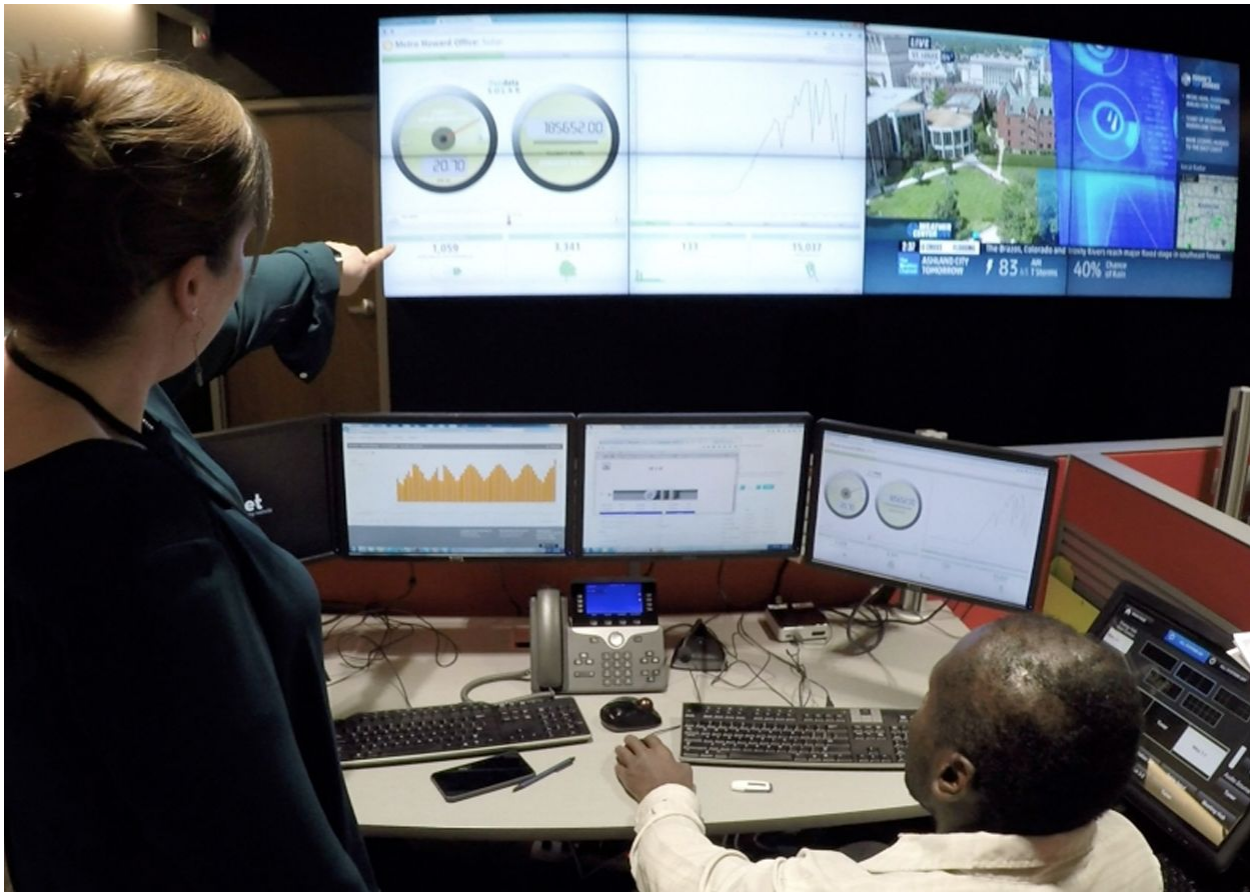
Metro Police Training Academy

DGS is committed to energy efficient lighting in its facilities because it saves energy and saves Metro on its utility bills. DGS' uses energy efficient bulbs and fixtures when replacing lighting in DGS buildings.

DGS' recent lighting system retrofits include:

- Metro Police Training Academy retrofit of 15 exterior fixtures to LED and 556 interior lamps and six wall packs to LED
- Metro Southeast Campus retrofit in two garages of 179 high bay lights to LED
- Metro Southeast Campus conversion of 27 exterior retrofit kits and nine wallpacks to LED
- Metro Fulton Campus garage retrofit of 375 interior and exterior lights to LED
- Metro Student Attendance Center parking lot conversion of 12-18 lamps to LED

Energy Management Rocked to “The CORE” (The Center of Responsible Energy)



Alexandra Ewing, PhD and Freddie Adom in The CORE.

Howard Office Building is home to DGS' Center of Responsible Energy, a nexus for innovative and collaborative work towards smart and sustainable solutions. The CORE's Delta Room is an interactive control room that serves as the nerve center for monitoring and planning DGS' energy needs. Building automated systems for DGS buildings send live data to the CORE, which is then shared with remote service staff for faster problem solving.

Freddie Adom is Energy Manager and oversees the CORE's energy monitoring activities. Adom's goal is to ensure the long-term viability of DGS facilities by monitoring and regulating the DGS building energy consumption. He is also responsible for designing and implementing energy reduction plans that are cost-effective and practical, while keeping DGS' buildings green.

Electricity produced from DGS' eight solar installations is monitored in the CORE to ensure optimal performance. Since 2014, DGS solar panels generated 295,547 kWh of electricity and produced a total savings of \$61,797.82.

The CORE is where DGS manages its participation in a "demand response" program using Enernoc energy intelligence software. By partially powering down building operations during times of peak demand, strain is taken off the electric grid, while simultaneously saving DGS money by participating. Since beginning this partnership in 2010, DGS has received \$50,000 in payments from Enernoc.

